



Practitioner's Docket No. 12372.113 (GDC-136)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gymer, David; Burden, Paul

#6
105
3-4-02

Application No.: 09/806,783

Group No.: 2171

Filed: 29 September 1999

Examiner: Not yet known

For: NETWORK MANAGEMENT INFORMATION PROCESSING

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
Technology Center 2100
FEB 11 2002

CERTIFICATE OF MAILING UNDER 37 C.F.R. section 1.8(a)

I hereby certify that the attached correspondence comprising:

Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers); and
Statement Under 37 C.F.R. section 3.73(b) Establishing Right of Assignee to Take Action;

is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

on 1/26/02.



Signature of person mailing paper



Practitioner's Docket No. 12372.113 (GDC-136)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gymer, David; Burden, Paul

Application No.: 09/806,783

Group No.: 2171

Filed: 29 September 1999

Examiner: Not yet known

For: NETWORK MANAGEMENT INFORMATION PROCESSING

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
FEB 11 2002
Technology Center 2100

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following practitioners are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Customer No.: 024283

SEND CORRESPONDENCE TO:

Customer No.: 024283

DIRECT TELEPHONE CALLS TO:

James M. Graziano
303-379-1113

Assignee:

Ahead Communications Systems, Inc.
199 Park Road Extension
Middlebury, CT 06767

Recorded in PTO on 10/03/2001
Reel/Frame: 012232/0457

ASSIGNEE STATEMENT

Attached to this power is a "STATEMENT UNDER 37 C.F.R. section 3.73(b)."

Date: 11/15/2002



Signature

Ahead Communications Systems, Inc.
Assignee
John Cumberton
Vice President of Engineering



Practitioner's Docket No. 12372.113 (GDC-136)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gymer, David; Burden, Paul

Application No.: 09/806,783

Group No.: 2171

Filed: 29 September 1999

Examiner: Not yet known

For: NETWORK MANAGEMENT INFORMATION PROCESSING

RECEIVED
FEB 11 2002
Technology Center 2100

Assistant Commissioner for Patents
Washington, D.C. 20231

**STATEMENT UNDER 37 C.F.R. section 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. Name of assignee: Ahead Communications Systems, Inc.
Type of assignee: Corporation

PERSON AUTHORIZED TO SIGN

3. Name of person authorized to sign on behalf of assignee: John Cumberton
Title of person authorized to sign: Vice President of Engineering

I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

BASIS OF ASSIGNEE'S INTEREST

4. Ownership by the assignee is established as follows: A chain of title from General DataComm, Inc. to Ahead Communications Systems, Inc.

COPIES OF DOCUMENTS IN CHAIN OF TITLE

5. Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

Recordation Date: 10/03/2001

Reel/Frame: 012232/0457

Date: 1/15/2002



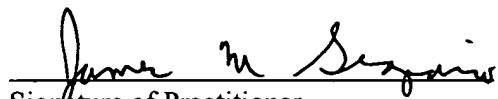
Signature of authorized person

John Cumberton

Vice President of Engineering

Ahead Communications Systems, Inc.

Date: 28 JANUARY 2002



Signature of Practitioner

James M. Graziano

Patton Boggs LLP

P.O. Box 270930

Louisville, CO 80027-5015

DEC 26 2001

Patton Boggs LLP

DECEMBER 19, 2001

PATTON BOGGS LLP
JAMES M. GRAZIANO
P.O. BOX 270930
LOUISVILLE, CO 80027



Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101916257A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/03/2001

REEL/FRAME: 012232/0457

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:

GENERAL DATACOMM, INC.

DOC DATE: 08/08/2001

ASSIGNEE:

AHEAD COMMUNICATIONS SYSTEMS, INC.
MIDDLEBURY, CONNECTICUT

SERIAL NUMBER: 09029585

FILING DATE: 02/27/1998

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 09172545

FILING DATE: 10/14/1998

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 60093826

FILING DATE: 07/22/1998

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 09029295

FILING DATE: 03/05/1998

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 60093681

FILING DATE: 07/22/1998

PATENT NUMBER:

ISSUE DATE:

RECEIVED
FEB 11 2002
Technology Center 2100

SERIAL NUMBER: 09744323	FILING DATE: 05/29/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09077219	FILING DATE: 05/19/1998
PATENT NUMBER: 6327246	ISSUE DATE: 12/04/2001
SERIAL NUMBER: 09744324	FILING DATE: 03/05/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09289463	FILING DATE: 04/09/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09289464	FILING DATE: 04/09/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09806783	FILING DATE: 05/21/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09371196	FILING DATE: 08/10/1999
PATENT NUMBER: 6282191	ISSUE DATE: 08/28/2001
SERIAL NUMBER: 09636277	FILING DATE: 08/10/2000
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09408449	FILING DATE: 09/29/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08147939	FILING DATE: 11/05/1993
PATENT NUMBER: 5436893	ISSUE DATE: 07/25/1995
SERIAL NUMBER: 08622897	FILING DATE: 03/29/1996
PATENT NUMBER: 5949782	ISSUE DATE: 09/07/1999
SERIAL NUMBER: 08973441	FILING DATE: 12/04/1997
PATENT NUMBER: 6122253	ISSUE DATE: 09/19/2000
SERIAL NUMBER: 08532888	FILING DATE: 09/22/1995
PATENT NUMBER: 5615211	ISSUE DATE: 03/25/1997
SERIAL NUMBER: 08913815	FILING DATE: 09/15/1997
PATENT NUMBER: 6044060	ISSUE DATE: 03/28/2000
SERIAL NUMBER: 08973442	FILING DATE: 12/04/1997
PATENT NUMBER: 6115358	ISSUE DATE: 09/05/2000
SERIAL NUMBER: 08526846	FILING DATE: 09/11/1995
PATENT NUMBER: 5712853	ISSUE DATE: 01/27/1998
SERIAL NUMBER: 08644308	FILING DATE: 05/10/1996
PATENT NUMBER: 5841773	ISSUE DATE: 11/24/1998
SERIAL NUMBER: 08942021	FILING DATE: 10/01/1997
PATENT NUMBER: 6028840	ISSUE DATE: 02/22/2000

SERIAL NUMBER: 09015303
PATENT NUMBER: 6041064

FILING DATE: 01/29/1998
ISSUE DATE: 03/21/2000

SERIAL NUMBER: 08853654
PATENT NUMBER: 6141322

FILING DATE: 05/09/1997
ISSUE DATE: 10/31/2000

SERIAL NUMBER: 08406300
PATENT NUMBER: 5796956

FILING DATE: 03/17/1995
ISSUE DATE: 08/18/1998

SERIAL NUMBER: 08675955
PATENT NUMBER: 5864555

FILING DATE: 07/05/1996
ISSUE DATE: 01/26/1999

SERIAL NUMBER: 09015302
PATENT NUMBER: 6088365

FILING DATE: 01/29/1998
ISSUE DATE: 07/11/2000

SERIAL NUMBER: 08930973
PATENT NUMBER: 6067286

FILING DATE: 10/07/1997
ISSUE DATE: 05/23/2000

SERIAL NUMBER: 08573244
PATENT NUMBER: 5659540

FILING DATE: 12/15/1995
ISSUE DATE: 08/19/1997

SERIAL NUMBER: 09015301
PATENT NUMBER: 6049544

FILING DATE: 01/29/1998
ISSUE DATE: 04/11/2000

SERIAL NUMBER: 08317336
PATENT NUMBER: 5461609

FILING DATE: 10/04/1994
ISSUE DATE: 10/24/1995

SERIAL NUMBER: 08624812
PATENT NUMBER: 5781529

FILING DATE: 03/27/1996
ISSUE DATE: 07/14/1998

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Correspondent Name and Address

Area Code and Telephone Number **(303) 379-1113**

Name **James M. Graziano**

Address (line 1) **Patton Boggs LLP**

Address (line 2) **P.O. Box 270930**

Address (line 3)

Address (line 4) **Louisville, CO 80027**

Pages

Enter the total number of pages of the attached conveyance document
including any attachments.

6

Application Number(s) or Patent Number(s)

MARK if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09029585

09029295

09077219

5436893

5615211

5712853

09172545

60093681

09744324

5949782

6044060

5841773

60093826

09744323

09289463

6122253

6115358

6028840

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month **Day** **Year**

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties

Enter the total number of properties involved. # **33**

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **1,320.00**

Method of Payment:

Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-1848

Authorization to charge additional fees:

Yes

No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

John Cumberton

Name of Person Signing

John Cumberton
Signature

9/26/01
Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Enter additional Conveying Parties

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year

Receiving Party(ies)

Enter additional Receiving Party(ies)

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic representative
is attached. (Designation
must be a separate
document from
Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment of a
domestic representative is
attached. (Designation must
be a separate document from
Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09289464	09371196	09408449
09806783	09636277	

Patent Number(s)

6041064	6088365	6049544
6141322	6067286	5461609
5796956	5659540	5781529
5864555		



PATENT/INVENTION ASSIGNMENT AND TRANSFER

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sums recited in the Asset Purchase Agreement between ASSIGNOR and ASSIGNEE of even date herewith, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

General DataComm, Inc.
Middlebury, CT
A Delaware corporation

hereby irrevocably sells, conveys, assigns and transfers to

ASSIGNEE:

Ahead Communications Systems, Inc.
Middlebury, CT
A Delaware corporation

and its successors, assigns and legal representatives, the entire rights, title and interests, including all rights, appurtenant thereto, in and to certain Letters Patent and applications therefore and any continuations, continuations-in-part, divisionals, renewals, substitutions, reissues, re-examinations or extensions, thereof (the "Patents") identified in Exhibit 1 attached hereto, for the United States and its territorial possessions and for all countries foreign to the United States, including any and all associated rights, title and interests in and to all invention disclosures, whether or not formally disclosed, in the United States or in any country foreign to the United States, to be obtained for any and all inventions, concepts and ideas ("Inventions") constituting Acquired Assets as defined in the above referenced Asset Purchase Agreement, including all related rights of priority arising from the Patents and/or the Inventions under all treaties, conventions or agreements, and/or all the rights and privileges under any and all forms of United States or foreign protection outside of the United States, and which is commensurate with the full term of the granted patent.

This assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country for proof of right of Assignee to obtain and/or apply for a Patent or other form of protection for the invention and to claim the aforementioned benefit of the right of priority.

ASSIGNOR agrees that ASSIGNOR will execute, without further consideration, such further instruments and documents as are or may be necessary or convenient to effectuate and carry out this assignment and transfer.

ASSIGNOR agrees to the terms recited herein as evidenced by the signature of ASSIGNOR'S duly authorized representative.

Effective Date: August 13, 2001

CP Johnson
General DataComm, Inc.

United States of America)
State of Connecticut)
County of New Haven)

On this 8th day of August, 2001, the above named individual personally appeared on behalf of the above entity in front of me and is known to be the person who is identified above, and who executed the foregoing assignment instrument and acknowledged to me that CP Johnson executed the same of his own free will for the purpose therein expressed.

Laurie A. Elias-Parker
Notary Public

LAURIE A. ELIAS-PARKER
NOTARY PUBLIC
My Commission Expires May 31, 2005

GDC ATM Patents, Patent Applications, and Patents in Process

Attorney File #	Title	US File Date	US File Serial #	US Patent #	US Patent Date
	Synchronizing ATM AAL2 Minicell				
GDC-111	Generation to Multiple Voice Processing Functions				
GDC-120	SS7 Signalling Gateway Server for Voice Trunking over ATM				
GDC-091	High Speed Switching of Transport Circuits				
GDC-097	Planned Capacity Based Routing for Wide Area ATM Systems				
GDC-098	Load Balancing in ATM Networks				
GDC-099	Priority in ATM Networks				
GDC-126	Voice Transmission Utilizing ATM Protocols				
GDC-088	ATM Network Switch Having Enhanced Call Setup Capability	02/27/98	09/029,585		
GDC-087	ATM Switch with VC Priority Buffers	03/05/98	09/028,295		

Attorney File #	Title	US File Date	US File Serial #	US Patent #	US Patent Date
GDC-088	Controlled Available Bit Rate Service in an ATM Switch	05/19/98	09/077,218		
GDC-118	Hot Insertable UTOPIA Interface	10/14/98	09/172,545		
GDC-128	A Dynamic Buffer Management for ATM Switches		provisional 07/22/98 final 1/19/01	60/093,681 09/744,324	
GDC-129	An Explicit Rate ABR Algorithm for New Generation of ATM Switches		provisional 07/22/98 final 1/19/99	60/093,626 09/744,323	
GDC-130	Method for Mapping Narrowband DSO circuits into AAL type 2 SVCs	04/09/99	09/289,463		
GDC-131	Method & Apparatus for Generation of ATM AAL2 type Broadband Setup Message from Narrowband Setup request	04/08/99	09/289,464		
GDC-132	Transporting Narrowband (voice) Traffic over a Broadband (ATM) Network	08/10/99	09/371,198		
GDC-134	Data Switch	9/29/99	09/408,449		
GDC-135	Bundle Shaping or Policing	09/29/99	PCT/US99/22643		

Attorney File #	Title	US File Date	US File Serial #	US Patent #	US Patent Date
GDC-137	Traffic Shaping Mechanism for Packetized Data In a Digital Network	08/10/00	09/636,277		
GDC-071	Allow Access to ILM Address Registration MIB from Multiple Links and from SNMP Manager				
GDC-073	Route Encapsulation and Recovery of Node Dependent Paths				
GDC-085	Service Specific Convergence Sublayer for Narrowband Packetization & Transport				
GDC-089	Direct Telnet Protocol Over SPVCs				
GDC-117	Multicast Connection Label Allocator				
GDC-056	ATM Call Switch Suitable for Multicast Switching	11/05/93	08/447,939	5,436,883	07/25/95
GDC-057	Data Network Switch	10/04/94	08/317,336	5,461,609	10/24/95
GDC-059	ATM Call Switch	03/17/95	08/406,300	5,798,956	08/18/98

Attorney File #	Title	US File Date	US File Serial #	US Patent #	US Patent Date
GDC-063	Packet Mode Transfer	09/22/95	08/532,888	5,615,211	03/25/97
for Microcell TDM Backplane					
GDC-064	Use of OAM Cells	09/11/95	08/526,846	5,712,853	01/27/98
across an ATM Frame UNI					
GDC-070	User Programmable OAM Loopbacks and Physical Loopback Detection in an ATM Network	12/15/95	08/573,244	5,659,540	08/19/97
GDC-072	Routing ATM Switched Virtual Circuit Calls	03/27/96	08/624,812	5,781,529	07/14/98
GDC-075	"Proxy" Connection End-Points for ATM OAM Functions	07/05/96	08/675,955	5,864,555	01/26/99
GDC-077	Correlation Tag for Billing in ATM	03/29/96	08/622,897	5,949,782	09/07/99
GDC-078	A Traffic Shaping ATM Network Switch	09/15/97	08/913,815	6,044,060	03/28/00
GDC-080	ATM Network Switch with Congestion Level Signalling for Controlling Cell Buffers	05/10/98	08/644,308	5,841,773	11/24/98
GDC-082	ATM Network Switch Congestion Control	12/04/97	08/973,441	6,122,253	08/19/00
GDC-083	Controlling the Flow of ATM Cells in an ATM Network	12/04/97	08/973,442	6,115,358	09/05/00

Attorney File#	Title	US File Date	US File Serial #	US Patent #	US Patent Date
GDC-084	Method & Apparatus for Connection Admission Control of Variable BitRate Traffic in an ATM Switch	10/01/97	08/042,021	6,028,840	02/22/00
GDC-108	Dynamic Data Distribution to/from DSP Array (in VSM)	01/29/98	09/015,303	6,041,064	03/21/00
GDC-109	ATM AAL1 & AAL2 Adaptations Using Par Bearer Channel Selectable Data Patch	01/29/98	09/015,302	6,088,365	07/11/00
GDC-110	Fixed-Rate Serial Data Highway for Conveying Variable Rate Data for ATM AAL2 Processing	01/29/98	09/015,301	6,049,544	04/11/00
GDC-113	Precedence & Preemption in ATM Call Admission Control	05/09/97	08/053,654	6,141,322	10/31/00
GDC-139	Coordinating Multiple Processors (ten)				
GDC-140	Efficient Task Sharing between processors (ten)				
GDC-141	Signalling of an Internal Event in an Array of Processors (ten)				
GDC-142	Large Scale Multi-Environment DSP Array (ten)				

S1005
S1006

Attorney File #	Title	UK Date	UK Serial #	US File Date	US File Serial #	US Patent #	US Patent Date
	ATM Network Switch (Semi-permanent Virtual Paths & Circuits)	10/20/99	2 308 849				
	Virtual Channel Management	05/11/98	2 337 404				
	GDC-136 Network Management Information Processing	10/02/98	2 344 262	03/30/01	09/006,783		
	GDC-078 Data Network Switch with Fault Tolerance	03/22/00	2 299 914	10/07/97	08/930,973	6,067,286	05/23/00
	GDC-133 Communication Network	02/10/98	2 344 028	09/29/99	PCT/US99/22 653		
	Data Switch Performance Monitoring	10/02/98	2 342 527				